

**20 DAY REPORT**  
**Townsend, Inc.**  
**Facility ID: 0-0-0000032430**

**1101 E. Third St.**  
**Siler City, Chatham County**

**Property Owner:**

**Southeast Land Holdings**  
**c/o David Welch**  
**PO Box 99**  
**Pfafftown, NC 27040**

**September, 2015**

**Prepared By:**

**W.H. Gibson, L.G.**

**For:**

**Cohesion, Inc.**

**5216 Yates Mill Pond Road**  
**Raleigh, North Carolina 27606**

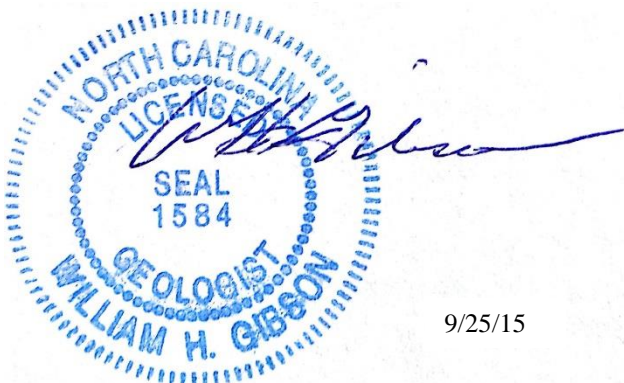
**Phone: 919-233-8626**

**Fax: 919-233-8909**

**Cohesion Project No. TF-2015066**

**W.H. Gibson, L.G.**

**Geologists License No. 01584**



9/25/15

## Summary

Cohesion, Inc. was contracted to remove a 10,000 gallon gasoline UST and a 10,000 gallon diesel fuel UST. On August 12, 2015, Cohesion personnel excavated the overburden and sufficient surrounding soil to remove the diesel fuel UST. On August 13, 2015, Cohesion personnel excavated the overburden and sufficient surrounding soil to remove the gasoline UST. Petroleum odor was observed in soil around the gasoline UST. Laboratory analysis (TPH-DRO) of soil samples collected beneath the diesel fuel UST did not detect petroleum hydrocarbons at a concentration exceeding the NCDENR action level of 10 mg/kg. Laboratory analysis (TPH-GRO) of soil samples collected beneath the gasoline UST detect petroleum hydrocarbons at a concentration exceeding the NCDENR action level of 10 mg/kg indicating there had been a release from the gasoline UST.

Due to the evidence of petroleum impact to the excavated soil, use of the soil to backfill the excavation was prohibited. Impacted soil was stockpiled onsite. Approximately 411.93 tons of impacted soil were loaded on August 14 and August 17, 2015 for transport to Earthtec of NC, Inc. in Sanford.

Regulations require cleanup (abatement) of sites where a release from a UST is confirmed.

**20 DAY REPORT  
TOWNSENDS, INC.  
FACILITY ID: 0-0-0000032430  
1101 E. THIRD ST.  
SILER CITY, NORTH CAROLINA (CHATHAM COUNTY)**

**A. SITE INFORMATION**

**1. Site Identification**

**Report Date:** September 2015  
**Facility I.D. No.:** 0-0-0000032430      **Incident No.:** not assigned  
**Site Name:** Townsends Inc. Property  
**Location:** 1101 E. Third St.  
Siler City, Chatham County  
**Latitude:** N35.73208°      **Longitude:** W79.45079°

**2. Property and Underground Storage Tank (UST) Owner Information:**

**UST Owner:** Southeast Land Holdings, LLC  
**UST Operator:** to be determined  
**Property Owner:** Southeast Land Holdings, LLC  
c/o David Welch  
PO Box 99  
Pfafftown, NC 27040  
**Property Occupant:** vacant  
**Contractor:** Cohesion, Inc.  
5216 Yates Mill Pond Road, Raleigh, North Carolina 27606  
919-233-8626  
**Analytical Laboratory:** ESC, 12065 Lebanon Rd., Mt. Juliet, TN 37122  
615-758-5858

**3. Release Information:**

**Date Discovered:** 8/12/15  
**Est. Quantity of Release:** unknown  
**Cause of Release:** unknown  
**Source of Release:** UST system  
**Size / Content of UST System:** 10,000 gallon capacity, diesel fuel  
10,000 gallon capacity, gasoline

**4. Certification:**

I, William H. Gibson, a Licensed Geologist, do certify that the information contained in this report is correct and accurate to the best of my knowledge.

**Professional Seal and Signature:**

## **B. SITE HISTORY AND CHARACTERIZATION**

Chatham County records indicate the processing facility was constructed in 1994. The property is located in a mixed use area of Siler City. The topographic drainage is toward the southeast as indicated on the USGS topographic map.

## **C. INITIAL RESPONSE AND ABATEMENT ACTIVITIES**

### **1. Quantity of Regulated Substance Removed from UST:**

Shamrock Environmental removed approximately 54 gallons of residual fluid from the diesel fuel UST on August 12, 2015. The gasoline UST was empty. Both tanks were cleaned prior to removal from the site. Red Star Oil disposed of the fluid resulting from cleaning. The fluid disposal manifests are attached as Appendix A.

### **2. Source Control Actions:**

On August 12 and August 13, 2015, the USTs were removed. The tanks were transported to Bish Scrap Metal in Siler City.

### **3. Contaminant Migration Control Measures:**

Further abatement actions will be documented in an Initial Abatement Report.

### **4. Measures taken to Mitigate Fire/Safety Hazards:**

The USTs were removed in accordance with API standards.

### **5. Contaminated Soil Storage, Treatment and/or Disposal:**

Further abatement actions will be documented in an Initial Abatement Report.

### **6. Status of Free Product Investigation and Associated Removal:**

No free product was encountered in the soil.

## **D. SOURCE INVESTIGATION**

Cohesion, Inc. was contracted to remove a 10,000 gallon gasoline UST and a 10,000 gallon diesel fuel UST. On August 12, 2015, Cohesion personnel excavated the overburden and sufficient surrounding soil to remove the diesel fuel UST. Laboratory analysis (TPH-DRO) of soil samples collected beneath the diesel fuel UST did not detect petroleum hydrocarbons at a concentration exceeding the NCDENR action level of 10 mg/kg.

On August 12, 2015, Cohesion personnel excavated the overburden and sufficient surrounding soil to remove the gasoline UST. Dry ice and a vacuum were applied to the tank to lower oxygen levels, remove explosive vapors and allow for safe tank removal. Petroleum odor was observed in soil around the gasoline UST. Accumulation of water and instability of excavation sidewalls necessitated removal of additional soil. It was necessary to halt tank removal in order to remove electrical utilities preventing additional soil removal and tank removal.

On August 13, 2015, following removal of the utilities, dry ice and vacuum were again applied to the gasoline tank. The Siler City Fire Inspector approved tank removal after explosive vapor and oxygen levels were sufficiently low to allow removal to proceed safely. Laboratory analysis (TPH-GRO) of soil samples collected beneath the gasoline UST detected petroleum hydrocarbons at a

concentration exceeding the NCDENR action level of 10 mg/kg indicating there had been a release from the gasoline UST.

Due to the evidence of petroleum impact to the excavated soil, use of the soil to backfill the excavation was prohibited. Impacted soil was stockpiled onsite. Laboratory analyses (TPH-DRO/GRO) of stockpile soil samples confirmed petroleum impact at concentrations exceeding the NCDENR action level. Approximately 411.93 tons of impacted soil were loaded on August 14 and August 17, 2015 for transport to Earthtec of NC, Inc. in Sanford. Disposal manifests are included in Appendix C.

On August 17, 2015, product supply piping and fuel dispensers were removed. Laboratory analyses of soil samples collected beneath system piping and dispensers detected impact to soil at one location along the gasoline supply piping and at the dispensers.

Soil impacted by petroleum at concentrations exceeding the NCDENR action level remains in the subsurface at the former gasoline UST location, beneath a section of the gasoline supply pipe, and beneath the dispenser.

Regulations require cleanup (abatement) of sites where a release from a UST is confirmed.

## TABLE

**Table 1**  
**Summary of Soil Sample Analyses**  
**1101 E. Third St., Siler City, Chatham County**

Analytical Methods		mg/kg									NCDENR
Constituents	ID #	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	Action Limit
TPH 3550	DRO	<4.72	<4.74				<5.76	<5.58	<5.45	<5.44	10*
TPH 5030	GRO			3630	113	435					10*
Sample Collection Information: Date		8/13/2015	8/13/2015	8/13/2015	8/13/2015	8/13/2015	8/17/2015	8/17/2015	8/17/2015	8/17/2015	
Depth (feet)		15	15	16	16	16	3	3	3	3	
Location		excavation	excavation	excavation	excavation	excavation	product line	product line	product line	product line	

Analytical Methods		mg/kg						NCDENR
Constituents	ID #	S-10	S-11	S-12	S-13	SP-1	SP-2	Action Limit
TPH 3550	DRO				771	47.8	<4.52	10*
TPH 5030	GRO	<1.75	<1.73	11.6	4.11	739	679	10*
Sample Collection Information: Date		8/17/2015	8/17/2015	8/17/2015	8/17/2015	8/13/2015	8/17/2015	
Depth (feet)		3	3	3	2.5			
Location		product line	product line	product line	product line	stockpile	stockpile	

\* NCDENR's TPH Standard

\*\* Detection limit greater than Soil-to-Groundwater Standard

CI - Considered Immobile

NA - Not Available

NL - Not listed in NCDENR's Standard

ND - Not Detected

## FIGURES

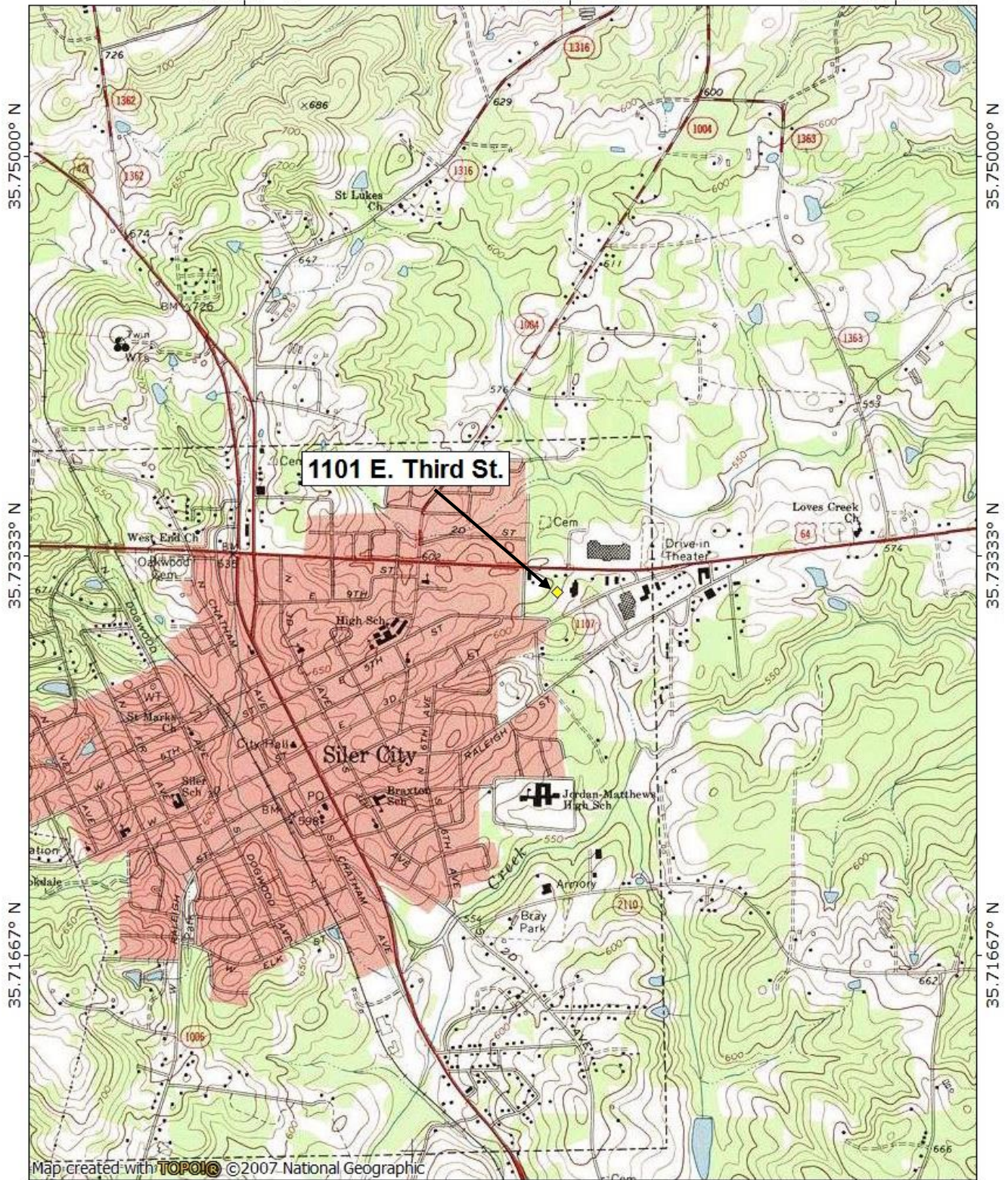


TOPO! map printed on 09/03/15 from "Untitled.tpo"

79.46667° W

79.45000° W

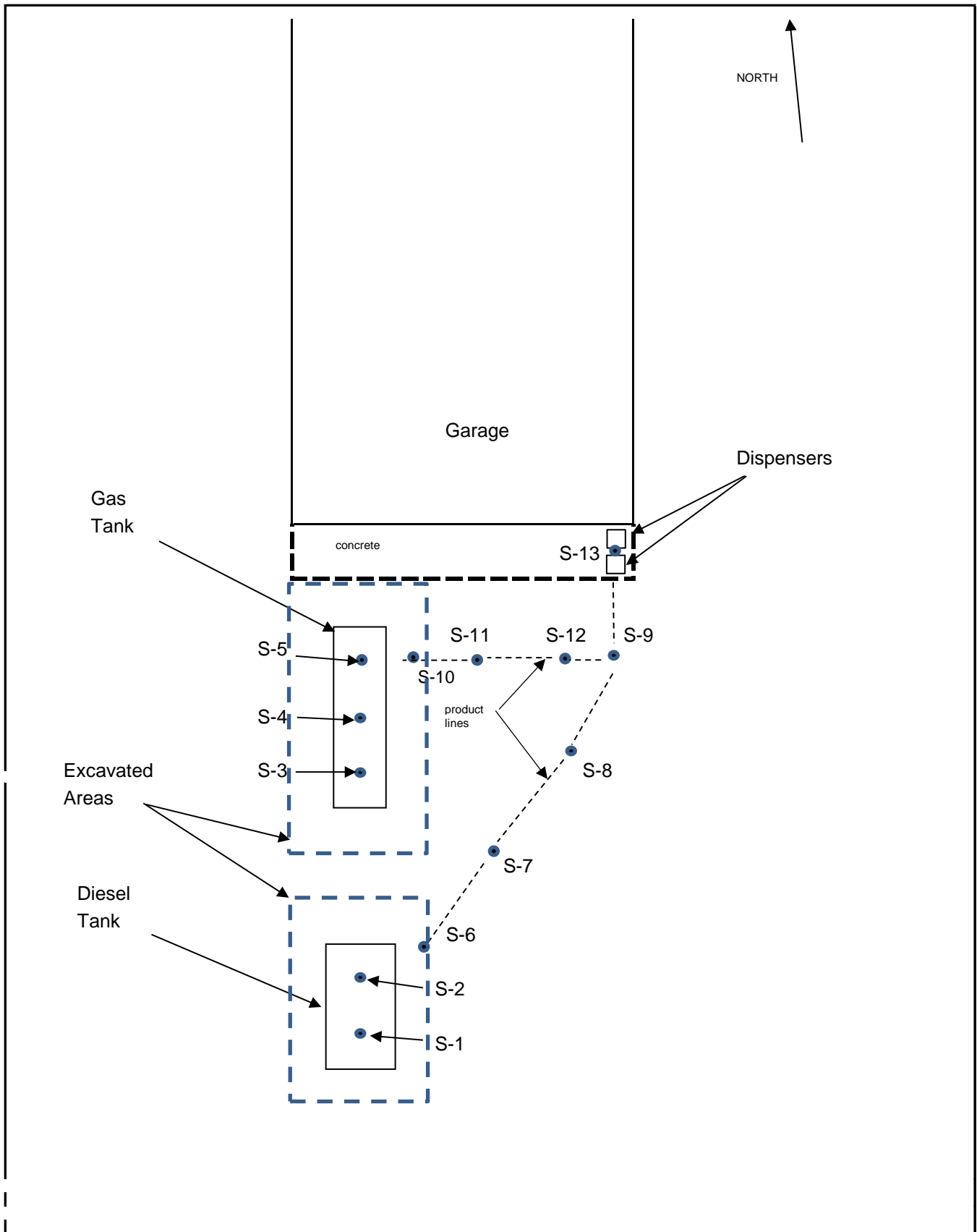
WGS84 79.43333° W



0.0 0.5 1.0 miles  
0.0 0.5 1.0 1.5 km

MN TN  
81½°  
09/03/15





**Cohesion, Inc.**



5216 Yates Mill Pond Rd., Raleigh, NC 27606  
Ph: 919-233-8626 Fx: 919-233-8909

Site Diagram  
1101 E. Third St.  
Siler City, Chatham County

**Figure 2**

0' approx. scale 20'

## **APPENDIX A**

### **Fluid Disposal Receipt**

## STRAIGHT BILL OF LADING - ORIGINAL - NOT NEGOTIABLE

Shipper's No. 00001

Carrier Shamrock Environmental Corp SCAC

Carrier's No. NL0000942144

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations;

at \_\_\_\_\_, date \_\_\_\_\_ from \_\_\_\_\_

the Property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO:

FROM:

Consignee

Shipper

Street

Street

Destination

Origin

Zip

Route

Delivering Carrier

Vehicle Number

U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	I.D. Number	Description of Articles	Hazard Class	Pkg. Grp.	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
	X		UN1203, Gasoline Mixture	3	II		54	6
			Shamrock Job # 02 WNB150652					
			Shamrock Approval # 20150382 BG					
			CB					
			Hm-01					
			8/12/15					

Remit COD to:

Address:

City:

State:

Zip:

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:  
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

COD AMT:

\$

COD FEE:

Prepaid ☐Collect ☐ \$

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ \_\_\_\_\_ Per \_\_\_\_\_

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. Per \_\_\_\_\_

SHIPPER:

PER:

DATE:

CARRIER:

PER:

DATE:

EMERGENCY RESPONSE  
TELEPHONE NUMBER:

NAME OR CONTRACT NUMBER  
OR OTHER UNIQUE IDENTIFIER:

PLACARDS  
REQUIRED

PLACARDS  
SUPPLIED

DRIVER'S  
SIGNATURE:

☐ BY SHIPPER ☐ BY CARRIER

110812

**406 Shepard School Road  
Zebulon, N.C. 27597  
(919) 269-9172  
FAX 269-8004**

Date 8-13-15

Name Cohesion

Address Siler City

1101 E 3rd St

Qty.	Pkg.	Description	Price	Amount
		pump out		400 <sup>00</sup>
		disposal of 400 gal.	.75	300 <sup>00</sup>
		Tax		
		Total		700 <sup>00</sup>

Received By

Salesman

## **APPENDIX B**

### **Soil Disposal Certificate**

#### **Manifests**

## Southeast Land Holding, LLC

### Soil Disposal

<u>Load</u>	<u>Date</u>	<u>Truck</u>			
<u>Number</u>			<u>Gross</u>	<u>Tare</u>	<u>Tons</u>
1	8/14/2015	SC-2	71140	29580	20.78
2	8/14/2015	SC-2	70920	29580	20.67
3	8/14/2015	SC-2	68180	29580	19.3
4	8/14/2015	SC-2	75580	29580	23
5	8/14/2015	SC-2	74860	29580	22.64
6	8/14/2015	G-19	85660	31260	27.2
7	8/14/2015	G-19	83980	31260	26.36
8	8/14/2015	G-19	71700	31260	20.22
9	8/14/2015	G-19	74300	31260	21.52
10	8/14/2015	G-19	78900	31260	23.82
11	8/17/2015	SC-2	69300	29580	19.86
12	8/17/2015	SC-2	68820	29580	19.62
13	8/17/2015	SC-2	69900	29580	20.16
14	8/17/2015	SC-2	67040	29580	18.73
15	8/17/2015	SC-2	72440	29580	21.43
16	8/17/2015	G-19	73440	31260	21.09
17	8/17/2015	G-19	77780	31260	23.26
18	8/17/2015	G-19	81860	31260	25.3
19	8/17/2015	G-19	65200	31260	16.97
			<b>Total</b>	<u>411.93</u>	tons

Accepted By: Franki Hold Date: 8-14-15



Earthtec of NC, Inc.  
Post Office Box 130  
Sanford, NC 27331  
Phone #: 919-774-4517  
Fax #: 919-774-6415

NORTH CAROLINA  
PUBLIC WEIGHMASTER  
LICENSE EXPIRES JUNE 30, 2016  
JOE E. HOLLAND 31798  
INVALID UNLESS SIGNED

7000 ID. NO.  
85660 16 GR  
08/14/15 08:26

NON-HAZARDOUS WASTE MANIFEST

Project Number: 2015046	Load Number:
Consultant GeoSupport, Inc	Contact: Alton Beshoff Phone: 919-233-8626
Generator Southeast Land Holding, LLC	Contact: Phone: David Welsh
Transporter:	Contact: Phone:
Destination: Earthtec Environmental, Inc 3145 Rosser Road, Bear Creek, NC 27207	Contact: Scott Keller Phone: 919-774-4517
Waste Description: gasoline	Waste Origination 1101 E. Third St., Siler City, NC
Truck #: K G-19	Gross Weight:
	Tare Weight:
	Net Weight:
	08/14/15 08:43

7000 ID. NO.

85660 16 GR REDALLED

31250 16 TR

54400 16 NT

Generator's Certification: I certify that the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of HAZARDOUS WASTE.

27.20  
tons

<u>Joe E. Holland</u>	Office Admin	8/13/15
Generator / Agent Signature	Title	Date
Acknowledgment of Receipt of Material: <u>Henry Thomas</u>	Drivers Signature	8-14-15
		Date

Noted Discrepancies:

Inspected & Accepted (except as noted above By: Earthtec Environmental, Inc.

Accepted By: Franki Holl Date: 8-14-15

Earthtec of NC, Inc.  
Post Office Box 130  
Sanford, NC 27331  
Phone #: 919-774-4517  
Fax #: 919-774-6415

NORTH CAROLINA  
PUBLIC WEIGHMASTER  
LICENSE EXPIRES JUNE 20, 2016  
JESSIE DODFRED 31795  
INVALID UNLESS SIGNED

7000 1D, NO.

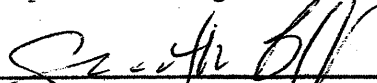
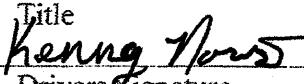
83950 1b GR  
31260 1b TR RECALLED  
52720 1b NT

08/14/15 10:10

### NON-HAZARDOUS WASTE MANIFEST

Project Number: <b>2015066</b>	Load Number:
Consultant <b>GeoSupport, Inc</b>	Contact: <b>Alton Beshoff</b> Phone: <b>919-233-8626</b>
Generator <b>Southeast Land Holding, LLC</b>	Contact: Phone: <b>David Welsh</b>
Transporter:	Contact: Phone:
Destination: Earthtec Environmental, Inc 3145 Rosser Road, Bear Creek, NC 27207	Contact: Scott Keller Phone: 919-774-4517
Waste Description: <b>gasoline</b>	Waste Origination <b>1101 E. Third St., Siler City, NC</b>
Truck #: <b>G-19</b>	Gross Weight: <b>83980</b>
	Tare Weight: <b>31260</b>
	Net Weight: <b>52720</b>
	<b>TON 26.36</b>

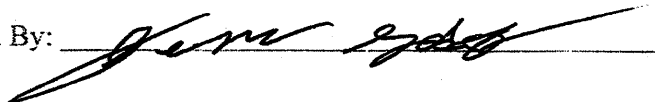
Generator's Certification: I certify that the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of HAZARDOUS WASTE.

	Office Admin	8/13/15
Generator / Agent Signature	Title	Date
Acknowledgment of Receipt of Material:		
	Drivers Signature	Date

Noted Discrepancies:

Inspected & Accepted (except as noted above By: Earthtec Environmental, Inc.

Accepted By:



Date: **8-13-15**

**70.00**

Earthtec of NC, Inc.

Post Office Box 130

Sanford, NC 27331

Phone #: 919-774-4517

Fax #: 919-774-6415

NORTH CAROLINA  
PUBLIC WEIGHTMASTER  
LICENSE EXPIRES JUNE 30, 2016  
JESSIE GODFREY 31795

INVALID UNLESS SIGNED

918 ID. NO.

74360 1b UR  
29500 1b TR RECALLED  
45280 1b NT

NON-HAZARDOUS WASTE MANIFEST 08/14/15 10:15

Project Number: 2015066	Load Number:
Consultant GeoSupport, Inc	Contact: Alton Bashoff Phone: 919-233-8626
Generator Southeast Land Holding, LLC	Contact: Phone: David Welsh
Transporter:	Contact: Phone:
Destination: Earthtec Environmental, Inc 3145 Rosser Road, Bear Creek, NC 27207	Contact: Scott Keller Phone: 919-774-4517
Waste Description: gasoline	Waste Origination 1101 E. Third St., Siler City, NC
Truck #: SC-2	Gross Weight: 74860
	Tare Weight: 29580
	Net Weight: 45280

Generator's Certification: I certify that the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of HAZARDOUS WASTE.

Generator / Agent Signature: [Signature] Title: Office Admin Date: 8/13/15  
Acknowledgment of Receipt of Material: [Signature] Drivers Signature: [Signature] Date: 8/14/15

Noted Discrepancies: \_\_\_\_\_

Inspected & Accepted (except as noted above By: Earthtec Environmental, Inc.

Accepted By: [Signature] Date: 8-13-15

918

Earthtec of NC, Inc.  
Post Office Box 130  
Sanford, NC 27331  
Phone #: 919-774-4517  
Fax #: 919-774-6415

NORTH CAROLINA  
PUBLIC UTILITIES  
LICENCE EXPIRES JULY 31, 2016  
JERRY GODFREY 31755  
INVALID UNLESS SIGNED

7000 10. NO.

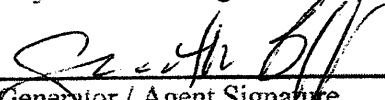

71700 16 GR  
31260 15 TR RECALLED  
40440 16 NT

08/14/15 11:40

### NON-HAZARDOUS WASTE MANIFEST

Project Number: <b>2015066</b>	Load Number:
Consultant <b>GeoSupport, Inc</b>	Contact: <b>Alton Beshoff</b> Phone: <b>919-233-8626</b>
Generator <b>Southeast Land Holding, LLC</b>	Contact: Phone: <b>David Welsh</b>
Transporter:	Contact: Phone:
Destination: Earthtec Environmental, Inc 3145 Rosser Road, Bear Creek, NC 27207	Contact: Scott Keller Phone: 919-774-4517
Waste Description: <b>gasoline</b>	Waste Origination <b>1101 E. Third St., Siler City, NC</b>
Truck #: <b>619</b>	Gross Weight: <b>71700</b>
	Tare Weight: <b>31260</b>
	Net Weight: <b>40440</b>

Generator's Certification: I certify that the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of HAZARDOUS WASTE.

	Office Admin	8/13/15
Generator / Agent Signature	Title	Date
Acknowledgment of Receipt of Material:		8-14-15
	Driver's Signature	Date

Noted Discrepancies:

Inspected & Accepted (except as noted above By: Earthtec Environmental, Inc.

Accepted By:



Date:

8-13-15

40  
70.00

Earthtec of NC, Inc.  
Post Office Box 130  
Sanford, NC 27331  
Phone #: 919-774-4517  
Fax #: 919-774-6415

NORTH CAROLINA  
PUBLIC WASTE MASTER  
LICENSE EXPIRES JUNE 30, 2018  
JESSIE GODFREY 31765  
INVALID UNLESS SIGNED

918 ID. NO.

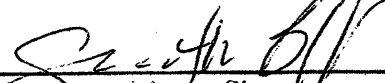
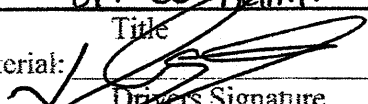
68180 1b GR  
23580 1b TR RECALLED  
33600 1b NT

08/14/15 11:44

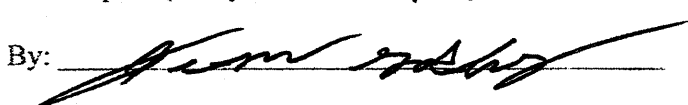
NON-HAZARDOUS WASTE MANIFEST

Project Number: 2015046	Load Number:
Consultant GeoSupport, Inc.	Contact: Allen Boshoff Phone: 919-233-8626
Generator Southeast Land Holding, LLC	Contact: Phone: David Welsh
Transporter:	Contact: Phone:
Destination: Earthtec Environmental, Inc 3145 Rosser Road, Bear Creek, NC 27207	Contact: Scott Keller Phone: 919-774-4517
Waste Description: gasoline	Waste Origination 1101 E. Third St., Siler City, NC
Truck #: SC.2	Gross Weight: 68180
	Tare Weight: 29580
	Net Weight: 38600
	TON 1930

Generator's Certification: I certify that the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of HAZARDOUS WASTE.

	Office Admin	8/13/15
Generator / Agent Signature	Title	Date
Acknowledgment of Receipt of Material:		9/14/15
	Driver's Signature	Date

Noted Discrepancies: \_\_\_\_\_  
Inspected & Accepted (except as noted above By: Earthtec Environmental, Inc.

Accepted By:  Date: 8-13-15

TON  
918

Earthtec of NC, Inc.  
Post Office Box 130  
Sanford, NC 27331  
Phone #: 919-774-4517  
Fax #: 919-774-6415

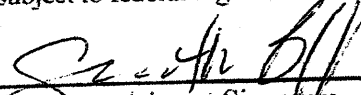

NORTH CAROLINA  
PUBLIC WEIGHTMASTER  
LICENSE EXPIRES JUNE 30, 2015  
JESSIE GODFREY  
INVALID UNLESS SIGNED

### NON-HAZARDOUS WASTE MANIFEST

Project Number: <b>2015046</b>	Load Number:
Consultant <b>GeoSupport, Inc</b>	Contact: <b>Alton Beshoff</b> Phone: <b>919-233-8626</b>
Generator <b>Southeast Land Holding, LLC</b>	Contact: Phone: <b>David Welsh</b>
Transporter:	Contact: Phone:
Destination: Earthtec Environmental, Inc 3145 Rosser Road, Bear Creek, NC 27207	Contact: <b>Scott Keller</b> Phone: <b>919-774-4517</b>
Waste Description: <b>gasoline</b>	Waste Origination <b>1101 E. Third St., Siler City, NC</b>
Truck #: <b>SL2</b>	Gross Weight: <b>912 ID NO.</b>
	Tare Weight: <b>71140 10 GR</b> <b>29500 15 TR REPAIRED</b>
	Net Weight: <b>41560 15 NT</b>
	<b>06/14/15 13:11</b>


TON  
2078

Generator's Certification: I certify that the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of HAZARDOUS WASTE.

	<b>Office Admin</b>	<b>8/13/15</b>
Generator / Agent Signature	Title	Date
Acknowledgment of Receipt of Material:		<b>8/14/15</b>
	Driver's Signature	Date

Noted Discrepancies:

Inspected & Accepted (except as noted above By: Earthtec Environmental, Inc.)

Accepted By:  Date: **8-13-15**

FD  
9/18

Earthtec of NC, Inc.

Post Office Box 130

Sanford, NC 27331

Phone #: 919-774-4517

Fax #: 919-774-6415

NORTH CAROLINA  
PUBLIC WEIGHMASTER

LICENSE EXPIRES JUNE 20, 2015  
JESSIE GODFREY 31795

INVALID UNLESS SIGNED

7000 ID. NO.

74300 1b GR  
31260 1b TR RECALLED  
43040 1b NT

NON-HAZARDOUS WASTE MANIFEST

08/14/15 13:15

Project Number: 2015066	Load Number:
Consultant GeoSupport, Inc	Contact: Alton Beshoff Phone: 919-233-8626
Generator Southeast Land Holding, LLC	Contact: Phone: David Welsh
Transporter:	Contact: Phone:
Destination: Earthtec Environmental, Inc 3145 Rosser Road, Bear Creek, NC 27207	Contact: Scott Keller Phone: 919-774-4517
Waste Description: gasoline	Waste Origination 1101 E. Third St., Siler City, NC
Truck #: G19	Gross Weight: 74300
	Tare Weight: 31260
	Net Weight: 43040

Generator's Certification: I certify that the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of HAZARDOUS WASTE. 21.52

Generator / Agent Signature: [Signature] Title: Office Admin Date: 8/13/15  
Acknowledgment of Receipt of Material: [Signature] Drivers Signature: [Signature] Date: 8-14-15

Noted Discrepancies: \_\_\_\_\_

Inspected & Accepted (except as noted above By: Earthtec Environmental, Inc.

Accepted By: [Signature] Date: 8-14-15

7000

Earthtec of NC, Inc.  
Post Office Box 130  
Sanford, NC 27331  
Phone #: 919-774-4517  
Fax #: 919-774-6415

NORTH CAROLINA  
PUBLIC WEIGHMASTER  
LICENSE EXPIRES JUNE 30, 2016  
JOE F. HOLDER 31798  
*Joe F. Holder*  
INVALID UNLESS SIGNED

NON-HAZARDOUS WASTE MANIFEST

Project Number: <b>2015066</b>	Load Number:
Consultant <b>Geo Support, Inc</b>	Contact: <b>Alton Beshoff</b> Phone: <b>919-233-8626</b>
Generator <b>Southeast Land Holding, LLC</b>	Contact: Phone: <b>David Welsh</b>
Transporter:	Contact: Phone:
Destination: Earthtec Environmental, Inc 3145 Rosser Road, Bear Creek, NC 27207	Contact: Scott Keller Phone: 919-774-4517
Waste Description: <b>gasoline</b>	Waste Origination <b>1101 E. Third St., Silver City, NC</b>
Truck #: <b>G-19</b>	Gross Weight: 7000 LB. NO.
	Tare Weight: 79300 LB GR
	Net Weight: 31200 LB IN RECALLED 47640 LB NT
	08/14/15 14:49

23.82  
tons

Generator's Certification: I certify that the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of HAZARDOUS WASTE.

<i>Scott Biff</i>	Office Admin	8/13/15
Generator / Agent Signature	Title	Date
Acknowledgment of Receipt of Material:	<i>Kenney Hous</i>	8/14/15
	Drivers Signature	Date

Noted Discrepancies:

Inspected & Accepted (except as noted above By: Earthtec Environmental, Inc.

Accepted By: *Frankie Holder* Date: **8-14-15**



Earthtec of NC, Inc.  
Post Office Box 130  
Sanford, NC 27331  
Phone #: 919-774-4517  
Fax #: 919-774-6415

NORTH CAROLINA  
PUBLIC WEIGHMASTER  
LICENSE EXPIRES JUNE 30, 2016  
JOE F. HOLDER 31798  
*Joe Holder*  
INVALID UNLESS SIGNED

NON-HAZARDOUS WASTE MANIFEST

Project Number: <b>2015046</b>	Load Number:
Consultant <b>GeoSupport, Inc</b>	Contact: <b>Alton Bashoff</b> Phone: <b>919-233-8626</b>
Generator <b>Southeast Land Holding, LLC</b>	Contact: Phone: <b>David Welsh</b>
Transporter:	Contact: Phone:
Destination: Earthtec Environmental, Inc 3145 Rosser Road, Bear Creek, NC 27207	Contact: Scott Keller Phone: 919-774-4517
Waste Description: <b>gasoline</b>	Waste Origination <b>1101 E. Third St., Siler City, NC</b>
Truck #: <b>SC-2</b>	Gross Weight:
	Tare Weight: <b>918 lb. NO.</b>
	Net Weight: <b>70920 lb WK</b> <b>29680 lb TR RECALLED</b> <b>41240 lb HT</b>
	<b>08/14/15 15:05</b>

Generator's Certification: I certify that the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of HAZARDOUS WASTE.

<i>Scott B...</i>	<i>Office Admin</i>	<b>8/13/15</b>
Generator / Agent Signature	Title	Date
Acknowledgment of Receipt of Material:	<i>Joe Sel</i>	<b>8/14/15</b>
	Drivers Signature	Date

Noted Discrepancies: \_\_\_\_\_

Inspected & Accepted (except as noted above By: Earthtec Environmental, Inc.

Accepted By: *Frankie Holder* Date: **8-14-15**

**20.67**  
**tons**

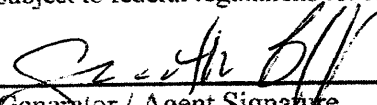

Earthtec of NC, Inc.  
Post Office Box 130  
Sanford, NC 27331  
Phone #: 919-774-4517  
Fax #: 919-774-6415

NON-HAZARDOUS WASTE MANIFEST  
PUBLIC USE ONLY  
LICENSE EXPIRES JUNE 30, 2016  
JESSIE GODFREY 1795  
INVALID UNLESS SIGNED

### NON-HAZARDOUS WASTE MANIFEST

Project Number: <b>2015046</b>	Load Number:
Consultant <b>GeoSupport, Inc</b>	Contact: <b>Alton Bashoff</b> Phone: <b>919-233-8626</b>
Generator <b>Southeast Land Holding, LLC</b>	Contact: Phone: <b>David Welsh</b>
Transporter:	Contact: Phone:
Destination: Earthtec Environmental, Inc 3145 Rosser Road, Bear Creek, NC 27207	Contact: Scott Keller Phone: 919-774-4517
Waste Description: <b>gasoline</b>	Waste Origination <b>1101 E. Third St., Siler City, NC</b>
Truck #: <b>G-19</b>	Gross Weight: 7000 ID. NO.
	Tare Weight: 73440 lb GR 31260 lb TR RECALLED
	Net Weight: 42180 lb NT
	08/17/15 08:51

Generator's Certification: I certify that the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of HAZARDOUS WASTE.

	Office Admin	8/13/15
Generator / Agent Signature	Title	Date
Acknowledgment of Receipt of Material:		8-17-15
	Driver's Signature	Date

Noted Discrepancies:

Inspected & Accepted (except as noted above By: Earthtec Environmental, Inc.

Accepted By:  Date: **8-13-15**

70.00

Earthtec of NC, Inc.

Post Office Box 130

Sanford, NC 27331

Phone #: 919-774-4517

Fax #: 919-774-6415

PUBLIC WEIGHTS  
LICENSE EXPIRES JUNE 30, 2016  
JESSIE GODFREY  
31785  
INVALID UNLESS SIGNED

### NON-HAZARDOUS WASTE MANIFEST

Project Number: <b>2015046</b>	Load Number:
Consultant <b>GeoSupport, Inc.</b>	Contact: <b>Alton Beshoff</b> Phone: <b>919-233-8626</b>
Generator <b>Southeast Land Holding, LLC</b>	Contact: Phone: <b>David Welsh</b>
Transporter:	Contact: Phone:
Destination: Earthtec Environmental, Inc 3145 Rosser Road, Bear Creek, NC 27207	Contact: Scott Keller Phone: 919-774-4517
Waste Description: <b>gasoline</b>	Waste Origination <b>1101 E. Third St., Siler City, NC</b>
Truck #: <b>679</b>	Gross Weight: 7000 ID. NO.
	Tare Weight: 77780 lb GR 31260 lb TR RECALLED 46520 lb NT
	Net Weight:
	08/17/15 10:00

Generator's Certification: I certify that the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of HAZARDOUS WASTE.

**Scott Biff** **Office Admin** **8/13/15**  
Generator / Agent Signature Title Date  
Acknowledgment of Receipt of Material: **Henry None**  
Drivers Signature Date

Noted Discrepancies:

Inspected & Accepted (except as noted above By: Earthtec Environmental, Inc.

Accepted By: **Ken Galt** Date: **8-17-15**

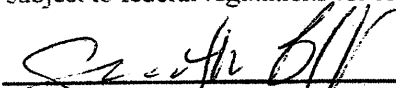
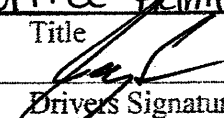
TD  
7000

NORTH CAROLINA  
PUBLIC WEIGHMASTER  
Earthtec of NC, Inc.  
Post Office Box 130  
Sanford, NC 27331  
Phone #: 919-774-4517  
Fax #: 919-774-6413  
JESSIE GODFREY  
LICENSE EXPIRES JUNE 30, 2018  
INVALID UNLESS SIGNED

NON-HAZARDOUS WASTE MANIFEST

Project Number: 2015066	Load Number:
Consultant GeoSupport, Inc	Contact: Alton Boshoff Phone: 919-233-8626
Generator Southeast Land Holding, LLC	Contact: Phone: David Welsh
Transporter:	Contact: Phone:
Destination: Earthtec Environmental, Inc 3145 Rosser Road, Bear Creek, NC 27207	Contact: Scott Keller Phone: 919-774-4517
Waste Description: gasoline	Waste Origination 1101 E. Third St., Siler City, NC
Truck #: SC-2	Gross Weight:
	Tare Weight: 918 ID. NO.
	69300 lb GR
	Net Weight: 29580 lb TR RECALLED 39720 lb NT
	08/17/15 10:16

Generator's Certification: I certify that the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of HAZARDOUS WASTE.

	Office Admin	8/13/15
Generator / Agent Signature	Title	Date
Acknowledgment of Receipt of Material:		8/17/15
	Driver's Signature	Date

Noted Discrepancies:

Inspected & Accepted (except as noted above By: Earthtec Environmental, Inc.

Accepted By:  Date: 8-17-15

TO  
9/18

Earthtec of NC, Inc.

Post Office Box 130

Sanford, NC 27331

Phone #: 919-774-4517

Fax #: 919-774-6415

PUBLIC WEIGHTMASTER

LICENSE EXPIRES JUNE 30, 2013  
JESSIE GODFREY 31755

INVALID UNLESS SIGNED

### NON-HAZARDOUS WASTE MANIFEST

Project Number: <b>2015046</b>	Load Number:
Consultant <b>GeoSupport, Inc</b>	Contact: <b>Alton Bashoff</b> Phone: <b>919-233-8626</b>
Generator <b>Southeast Land Holding, LLC</b>	Contact: Phone: <b>David Welsh</b>
Transporter:	Contact: Phone:
Destination: Earthtec Environmental, Inc 3145 Rosser Road, Bear Creek, NC 27207	Contact: Scott Keller Phone: 919-774-4517
Waste Description: <b>gasoline</b>	Waste Origination <b>1101 E. Third St., Siler City, NC</b>
Truck #: <b>2015046</b>	Gross Weight: 918 ID. NO.
	Tare Weight: 68820 lb GR 29580 lb TR RECALLED
	Net Weight: 39240 lb NT
	08/17/15 08:59

Generator's Certification: I certify that the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of HAZARDOUS WASTE.

**Scott Boff** **Office Admin** **8/13/15**  
Generator / Agent Signature Title Date  
Acknowledgment of Receipt of Material: **J. Godfrey** **9/17/15**  
Drivers Signature Date

Noted Discrepancies:

Inspected & Accepted (except as noted above By: Earthtec Environmental, Inc.

Accepted By: **[Signature]**

Date: **8-17-15**

FD  
918

Earthtec of NC, Inc.  
Post Office Box 130  
Sanford, NC 27331  
Phone #: 919-774-4517  
Fax #: 919-774-6415

NORTH CAROLINA  
PUBLIC WEIGHMASTER  
LICENSE EXPIRES JUNE 30, 2016  
JOE H. HEDDER 31798  
*[Signature]*  
INVALID UNLESS SIGNED

NON-HAZARDOUS WASTE MANIFEST

Project Number: <b>2015046</b>	Load Number:
Consultant <b>GeoSupport, Inc</b>	Contact: <b>Allen Bashoff</b> Phone: <b>919-233-8626</b>
Generator <b>Southeast Land Holding, LLC</b>	Contact: Phone: <b>David Welsh</b>
Transporter:	Contact: Phone:
Destination: Earthtec Environmental, Inc 3145 Rosser Road, Bear Creek, NC 27207	Contact: Scott Keller Phone: 919-774-4517
Waste Description: <b>gasoline</b>	Waste Origination <b>1101 E. Third St., Siler City, NC</b>
Truck #: <b>SC-2</b>	Gross Weight:
	Tare Weight: <b>918 lb NO.</b>
	Net Weight: <b>69900 lb GR</b> <b>29580 lb TR RECALLED</b> <b>40320 lb NT</b>
	<b>08/17/15 07:21</b> <b>20.16 tons</b>

Generator's Certification: I certify that the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of HAZARDOUS WASTE.

<i>[Signature]</i> Generator / Agent Signature	<i>[Signature]</i> Title	<b>8/13/15</b> Date
Acknowledgment of Receipt of Material:	<i>[Signature]</i> Driver's Signature	<b>8/17/15</b> Date

Noted Discrepancies: \_\_\_\_\_  
Inspected & Accepted (except as noted above By: Earthtec Environmental, Inc.  
Accepted By: *[Signature]* Date: **8-17-15**

Earthtec of NC, Inc.

Post Office Box 130

Sanford, NC 27331

Phone #: 919-774-4517

Fax #: 919-774-6415

NORTH CAROLINA  
PUBLIC WEIGHTMASTER  
LICENSE EXPIRES JUNE 30, 2016  
JESSIE GODFREY 31766

INVALID UNLESS SIGNED

### NON-HAZARDOUS WASTE MANIFEST

Project Number: <b>2015066</b>	Load Number:
Consultant <b>GeoSupport, Inc</b>	Contact: <b>Alton Bashoff</b> Phone: <b>919-233-8626</b>
Generator <b>Southeast Land Holding, LLC</b>	Contact: Phone: <b>David Welsh</b>
Transporter:	Contact: Phone:
Destination: Earthtec Environmental, Inc 3145 Rosser Road, Bear Creek, NC 27207	Contact: Scott Keller Phone: 919-774-4517
Waste Description: <b>gasoline</b>	Waste Origination <b>1101 E. Third St., Siler City, NC</b>
Truck #: <b>SC2</b>	Gross Weight:
	Tare Weight: 918 ID. NO.
	Net Weight: 67040 lb GR 29580 lb TR RECALLED 37460 lb NT
	08/17/15 11:42 <b>18.73</b> <b>tons</b>

Generator's Certification: I certify that the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of HAZARDOUS WASTE.

**Scott Bly** **Office Admin** **8/13/15**  
Generator / Agent Signature Title Date  
Acknowledgment of Receipt of Material: **[Signature]** **8/17/15**  
Drivers Signature Date

Noted Discrepancies: \_\_\_\_\_

Inspected & Accepted (except as noted above By: Earthtec Environmental, Inc.

Accepted By: **[Signature]** Date: **8-17-15**

to  
**918**

Earthtec of NC, Inc.  
Post Office Box 130  
Sanford, NC 27331  
Phone #: 919-774-4517  
Fax #: 919-774-6415

NORTH CAROLINA  
PUBLIC WEIGHMASTER  
LICENSE EXPIRES JUNE 30, 2016  
JESSIE GODFREY  
3/17/15  
INVALID UNLESS SIGNED

# NON-HAZARDOUS WASTE MANIFEST

Project Number: <b>2015044</b>	Load Number:
Consultant <b>GeoSupport, Inc</b>	Contact: <b>Alton Boshoff</b> Phone: <b>919-233-8626</b>
Generator <b>Southeast Land Holding, LLC</b>	Contact: Phone: <b>David Welsh</b>
Transporter:	Contact: Phone:
Destination: Earthtec Environmental, Inc 3145 Rosser Road, Bear Creek, NC 27207	Contact: Scott Keller Phone: 919-774-4517
Waste Description: <b>gasoline</b>	Waste Origination <b>1101 E. Third St., Siler City, NC</b>
Truck #: <b>G-19</b>	Gross Weight:
	Tare Weight: 7000 ID. NO.
	Net Weight: 65200 lb GR 31260 lb TR RECALLED 33940 lb NT
	08/17/15 11:31

Generator's Certification: I certify that the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of HAZARDOUS WASTE.

16.97  
tons

**[Signature]** Office Admin **8/13/15**  
Generator / Agent Signature Title Date  
Acknowledgment of Receipt of Material: **Kerry [Signature]** **8-17-15**  
Drivers Signature Date

Noted Discrepancies: \_\_\_\_\_  
Inspected & Accepted (except as noted above By: Earthtec Environmental, Inc.

Accepted By: **[Signature]** Date: **8-17-15**

70.00



Earthtec of NC, Inc.  
Post Office Box 130  
Sanford, NC 27331  
Phone #: 919-774-4517  
Fax #: 919-774-6415

NORTH CAROLINA  
PUBLIC WEIGHMASTER  
LICENSE EXPIRES JUNE 30, 2016  
JOE A. HOLDER 31798  
*Joe A. Holder*  
INVALID UNLESS SIGNED

NON-HAZARDOUS WASTE MANIFEST

Project Number: 2015066	Load Number:
Consultant GeoSupport, Inc.	Contact: Alton Boshoff Phone: 919-233-8626
Generator Southeast Land Holding, LLC	Contact: Phone: David Welsh
Transporter:	Contact: Phone:
Destination: Earthtec Environmental, Inc 3145 Rosser Road, Bear Creek, NC 27207	Contact: Scott Keller Phone: 919-774-4517
Waste Description: gasoline	Waste Origination 1101 E. Third St., Silver City, NC
Truck #: SC-2	Gross Weight:
	Tare Weight: 918 ID. NO.
	Net Weight: 72440 lb GR 29580 lb TR RECALLED 42860 lb NT
	08/17/15 13:44 21.43

Generator's Certification: I certify that the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of HAZARDOUS WASTE.

*Scott B...* Office Admin 8/13/15  
Generator / Agent Signature Title Date  
Acknowledgment of Receipt of Material: *Joe A. Holder* 8/17/15  
Drivers Signature Date

Noted Discrepancies:  
Inspected & Accepted (except as noted above By: Earthtec Environmental, Inc.

Accepted By: *Franklin Holder* Date: 8-17-15

Earthtec of NC, Inc.  
Post Office Box 130  
Sanford, NC 27331  
Phone #: 919-774-4517  
Fax #: 919-774-6415

NORTH CAROLINA  
PUBLIC WEIGHMASTER  
LICENSE EXPIRES JUNE 30, 2016  
JOE R. HOLDER 31798  
*[Signature]*  
INVALID UNLESS SIGNED

NON-HAZARDOUS WASTE MANIFEST

Project Number: <b>2015066</b>	Load Number:
Consultant <b>GeoSupport, Inc</b>	Contact: <b>Alton Bashoff</b> Phone: <b>919-233-8626</b>
Generator <b>Southeast Land Holding, LLC</b>	Contact: Phone: <b>David Welsh</b>
Transporter:	Contact: Phone:
Destination: Earthtec Environmental, Inc 3145 Rosser Road, Bear Creek, NC 27207	Contact: Scott Keller Phone: 919-774-4517
Waste Description: <b>gasoline</b>	Waste Origination <b>1101 E. Third St., Siler City, NC</b>
Truck #: <b>G-19</b>	Gross Weight:
	Tare Weight: 7000 ID. NO.
	Net Weight: 81860 lb GR 31260 lb TR RECALLED 50600 lb NT

Generator's Certification: I certify that the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of HAZARDOUS WASTE.

*[Signature]* Office Admin 8/13/15  
Generator / Agent Signature Title Date  
Acknowledgment of Receipt of Material: *[Signature]*  
Drivers Signature Date

Noted Discrepancies:

Inspected & Accepted (except as noted above By: Earthtec Environmental, Inc.

Accepted By: *[Signature]* Date: 8-17-15

25.30  
tons

## **APPENDIX C**

### **Analytical Laboratory Report**



12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

Chris Boshoff  
Cohesion, Inc.- Trustfund  
5216 Yates Mill Pond Rd.  
Raleigh, NC 27606

## Report Summary

Friday August 21, 2015

Report Number: L782861

Samples Received: 08/14/15

Client Project: 201566

Description: 1101 E 3rd

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

Mark W. Beasley , ESC Representative

### Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - 01157CA, CT - PH-0197,  
FL - E87487, GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016,  
NC - ENV375/DW21704/BIO041, ND - R-140, NJ - TN002, NJ NELAP - TN002,  
SC - 84004, TN - 2006, VA - 460132, WV - 233, AZ - 0612,  
MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032011-1,  
TX - T104704245-11-3, OK - 9915, PA - 68-02979, IA Lab #364, EPA - TN002

Accreditation is only applicable to the test methods specified on each scope of accreditation held by ESC Lab Sciences.

This report may not be reproduced, except in full, without written approval from ESC Lab Sciences. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.



12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

# REPORT OF ANALYSIS

Chris Boshoff  
Cohesion, Inc.- Trustfund  
5216 Yates Mill Pond Rd.  
Raleigh, NC 27606

August 21, 2015

Date Received : August 14, 2015  
Description : 1101 E 3rd  
Sample ID : SP-1  
Collected By : Alton Boshoff  
Collection Date : 08/13/15 09:00

ESC Sample # : L782861-01

Site ID :

Project # : 201566

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	76.6		%	2540 G-2011	08/15/15	1
TPH (GC/FID) Low Fraction	739.	22.2	mg/kg	8015D/GRO	08/17/15	170
Surrogate Recovery-% a,a,a-Trifluorotoluene(FID)	102.		% Rec.	8015D/GRO	08/17/15	1
TPH (GC/FID) High Fraction	47.8	5.22	mg/kg	3546/DRO	08/15/15	1
Surrogate recovery(%) o-Terphenyl	65.6		% Rec.	3546/DRO	08/15/15	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

This report shall not be reproduced, except in full, without the written approval from ESC.  
The reported analytical results relate only to the sample submitted

Reported: 08/21/15 15:52 Printed: 08/21/15 15:52



12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

# REPORT OF ANALYSIS

Chris Boshoff  
Cohesion, Inc.- Trustfund  
5216 Yates Mill Pond Rd.  
Raleigh, NC 27606

August 21, 2015

Date Received : August 14, 2015  
Description : 1101 E 3rd  
Sample ID : S-1 15FT  
Collected By : Alton Boshoff  
Collection Date : 08/13/15 09:30

ESC Sample # : L782861-02

Site ID :

Project # : 201566

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	84.7		%	2540 G-2011	08/17/15	1
TPH (GC/FID) High Fraction	BDL	4.72	mg/kg	3546/DRO	08/19/15	1
Surrogate recovery(%) o-Terphenyl	82.3		% Rec.	3546/DRO	08/19/15	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

This report shall not be reproduced, except in full, without the written approval from ESC.

The reported analytical results relate only to the sample submitted

Reported: 08/21/15 15:52 Printed: 08/21/15 15:52



12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

# REPORT OF ANALYSIS

Chris Boshoff  
Cohesion, Inc.- Trustfund  
5216 Yates Mill Pond Rd.  
Raleigh, NC 27606

August 21, 2015

Date Received : August 14, 2015  
Description : 1101 E 3rd  
Sample ID : S-2 15FT  
Collected By : Alton Boshoff  
Collection Date : 08/13/15 09:33

ESC Sample # : L782861-03

Site ID :

Project # : 201566

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	84.3		%	2540 G-2011	08/17/15	1
TPH (GC/FID) High Fraction	BDL	4.74	mg/kg	3546/DRO	08/19/15	1
Surrogate recovery(%) o-Terphenyl	83.8		% Rec.	3546/DRO	08/19/15	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

This report shall not be reproduced, except in full, without the written approval from ESC.

The reported analytical results relate only to the sample submitted

Reported: 08/21/15 15:52 Printed: 08/21/15 15:52



12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

# REPORT OF ANALYSIS

Chris Boshoff  
Cohesion, Inc.- Trustfund  
5216 Yates Mill Pond Rd.  
Raleigh, NC 27606

August 21, 2015

Date Received : August 14, 2015  
Description : 1101 E 3rd  
Sample ID : S-3 16FT  
Collected By : Alton Boshoff  
Collection Date : 08/13/15 12:20

ESC Sample # : L782861-04

Site ID :

Project # : 201566

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	82.4		%	2540 G-2011	08/17/15	1
TPH (GC/FID) Low Fraction	3630	38.8	mg/kg	8015D/GRO	08/19/15	320
Surrogate Recovery-% a,a,a-Trifluorotoluene(FID)	121.		% Rec.	8015D/GRO	08/19/15	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

This report shall not be reproduced, except in full, without the written approval from ESC.

The reported analytical results relate only to the sample submitted

Reported: 08/21/15 15:52 Printed: 08/21/15 15:52





12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Chris Boshoff  
Cohesion, Inc.- Trustfund  
5216 Yates Mill Pond Rd.  
Raleigh, NC 27606

August 21, 2015

Date Received : August 14, 2015  
Description : 1101 E 3rd  
Sample ID : S-4 16FT  
Collected By : Alton Boshoff  
Collection Date : 08/13/15 12:21

ESC Sample # : L782861-05

Site ID :

Project # : 201566

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	87.1		%	2540 G-2011	08/17/15	1
TPH (GC/FID) Low Fraction	113.	1.49	mg/kg	8015D/GRO	08/19/15	13
Surrogate Recovery-% a,a,a-Trifluorotoluene(FID)	97.9		% Rec.	8015D/GRO	08/19/15	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

This report shall not be reproduced, except in full, without the written approval from ESC.

The reported analytical results relate only to the sample submitted

Reported: 08/21/15 15:52 Printed: 08/21/15 15:52



12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

# REPORT OF ANALYSIS

Chris Boshoff  
Cohesion, Inc.- Trustfund  
5216 Yates Mill Pond Rd.  
Raleigh, NC 27606

August 21, 2015

Date Received : August 14, 2015  
Description : 1101 E 3rd  
Sample ID : S-5 16FT  
Collected By : Alton Boshoff  
Collection Date : 08/13/15 12:22

ESC Sample # : L782861-06

Site ID :

Project # : 201566

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	81.4		%	2540 G-2011	08/17/15	1
TPH (GC/FID) Low Fraction	435.	12.9	mg/kg	8015D/GRO	08/20/15	105
Surrogate Recovery-% a,a,a-Trifluorotoluene(FID)	98.6		% Rec.	8015D/GRO	08/20/15	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

This report shall not be reproduced, except in full, without the written approval from ESC.

The reported analytical results relate only to the sample submitted

Reported: 08/21/15 15:52 Printed: 08/21/15 15:52

[illegible]



12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

Chris Boshoff  
Cohesion, Inc.- Trustfund  
5216 Yates Mill Pond Rd.  
Raleigh, NC 27606

## Report Summary

Friday August 21, 2015

Report Number: L783591

Samples Received: 08/18/15

Client Project: 2015066

Description: 1101 E Third

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

Mark W. Beasley , ESC Representative

### Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - 01157CA, CT - PH-0197,  
FL - E87487, GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016,  
NC - ENV375/DW21704/BIO041, ND - R-140, NJ - TN002, NJ NELAP - TN002,  
SC - 84004, TN - 2006, VA - 460132, WV - 233, AZ - 0612,  
MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032011-1,  
TX - T104704245-11-3, OK - 9915, PA - 68-02979, IA Lab #364, EPA - TN002

Accreditation is only applicable to the test methods specified on each scope of accreditation held by ESC Lab Sciences.

This report may not be reproduced, except in full, without written approval from ESC Lab Sciences. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.



12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

# REPORT OF ANALYSIS

Chris Boshoff  
Cohesion, Inc.- Trustfund  
5216 Yates Mill Pond Rd.  
Raleigh, NC 27606

August 21, 2015

Date Received : August 18, 2015  
Description : 1101 E Third  
Sample ID : S-6 3 FT  
Collected By : Alton Boshoff  
Collection Date : 08/17/15 09:30

ESC Sample # : L783591-01

Site ID :

Project # : 2015066

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	69.5		%	2540 G-2011	08/20/15	1
TPH (GC/FID) High Fraction	BDL	5.76	mg/kg	3546/DRO	08/21/15	1
Surrogate recovery(%) o-Terphenyl	50.3		% Rec.	3546/DRO	08/21/15	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

This report shall not be reproduced, except in full, without the written approval from ESC.

The reported analytical results relate only to the sample submitted

Reported: 08/21/15 16:29 Printed: 08/21/15 16:30



12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

# REPORT OF ANALYSIS

Chris Boshoff  
Cohesion, Inc.- Trustfund  
5216 Yates Mill Pond Rd.  
Raleigh, NC 27606

August 21, 2015

Date Received : August 18, 2015  
Description : 1101 E Third  
Sample ID : S-7 3 FT  
Collected By : Alton Boshoff  
Collection Date : 08/17/15 09:35

ESC Sample # : L783591-02

Site ID :

Project # : 2015066

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	71.7		%	2540 G-2011	08/20/15	1
TPH (GC/FID) High Fraction	BDL	5.58	mg/kg	3546/DRO	08/21/15	1
Surrogate recovery(%) o-Terphenyl	50.0		% Rec.	3546/DRO	08/21/15	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

This report shall not be reproduced, except in full, without the written approval from ESC.

The reported analytical results relate only to the sample submitted

Reported: 08/21/15 16:29 Printed: 08/21/15 16:30



12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Chris Boshoff  
Cohesion, Inc.- Trustfund  
5216 Yates Mill Pond Rd.  
Raleigh, NC 27606

August 21, 2015

Date Received : August 18, 2015  
Description : 1101 E Third  
Sample ID : S-8 3 FT  
Collected By : Alton Boshoff  
Collection Date : 08/17/15 09:40

ESC Sample # : L783591-03

Site ID :

Project # : 2015066

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	73.4		%	2540 G-2011	08/20/15	1
TPH (GC/FID) High Fraction	BDL	5.45	mg/kg	3546/DRO	08/21/15	1
Surrogate recovery(%) o-Terphenyl	51.8		% Rec.	3546/DRO	08/21/15	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

This report shall not be reproduced, except in full, without the written approval from ESC.

The reported analytical results relate only to the sample submitted

Reported: 08/21/15 16:29 Printed: 08/21/15 16:30



12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

# REPORT OF ANALYSIS

Chris Boshoff  
Cohesion, Inc.- Trustfund  
5216 Yates Mill Pond Rd.  
Raleigh, NC 27606

August 21, 2015

Date Received : August 18, 2015  
Description : 1101 E Third  
Sample ID : S-9 3 FT  
Collected By : Alton Boshoff  
Collection Date : 08/17/15 09:45

ESC Sample # : L783591-04

Site ID :

Project # : 2015066

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	73.5		%	2540 G-2011	08/20/15	1
TPH (GC/FID) High Fraction	BDL	5.44	mg/kg	3546/DRO	08/21/15	1
Surrogate recovery(%) o-Terphenyl	50.3		% Rec.	3546/DRO	08/21/15	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

This report shall not be reproduced, except in full, without the written approval from ESC.

The reported analytical results relate only to the sample submitted

Reported: 08/21/15 16:29 Printed: 08/21/15 16:30





12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

# REPORT OF ANALYSIS

Chris Boshoff  
Cohesion, Inc.- Trustfund  
5216 Yates Mill Pond Rd.  
Raleigh, NC 27606

August 21, 2015

Date Received : August 18, 2015  
Description : 1101 E Third  
Sample ID : S-10 3 FT  
Collected By : Alton Boshoff  
Collection Date : 08/17/15 10:30

ESC Sample # : L783591-05

Site ID :

Project # : 2015066

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	84.4		%	2540 G-2011	08/20/15	1
TPH (GC/FID) Low Fraction	BDL	1.75	mg/kg	8015D/GRO	08/20/15	14.75
Surrogate Recovery-% a,a,a-Trifluorotoluene(FID)	99.4		% Rec.	8015D/GRO	08/20/15	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

This report shall not be reproduced, except in full, without the written approval from ESC.

The reported analytical results relate only to the sample submitted

Reported: 08/21/15 16:29 Printed: 08/21/15 16:30



12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

# REPORT OF ANALYSIS

Chris Boshoff  
Cohesion, Inc.- Trustfund  
5216 Yates Mill Pond Rd.  
Raleigh, NC 27606

August 21, 2015

Date Received : August 18, 2015  
Description : 1101 E Third  
Sample ID : S-11 3 FT  
Collected By : Alton Boshoff  
Collection Date : 08/17/15 10:35

ESC Sample # : L783591-06

Site ID :

Project # : 2015066

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	85.4		%	2540 G-2011	08/20/15	1
TPH (GC/FID) Low Fraction	BDL	1.73	mg/kg	8015D/GRO	08/20/15	14.75
Surrogate Recovery-% a,a,a-Trifluorotoluene(FID)	99.3		% Rec.	8015D/GRO	08/20/15	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

This report shall not be reproduced, except in full, without the written approval from ESC.

The reported analytical results relate only to the sample submitted

Reported: 08/21/15 16:29 Printed: 08/21/15 16:30



12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

# REPORT OF ANALYSIS

Chris Boshoff  
Cohesion, Inc.- Trustfund  
5216 Yates Mill Pond Rd.  
Raleigh, NC 27606

August 21, 2015

Date Received : August 18, 2015  
Description : 1101 E Third  
Sample ID : S-12 3 FT  
Collected By : Alton Boshoff  
Collection Date : 08/17/15 10:40

ESC Sample # : L783591-07

Site ID :

Project # : 2015066

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	85.8		%	2540 G-2011	08/20/15	1
TPH (GC/FID) Low Fraction	11.6	1.49	mg/kg	8015D/GRO	08/20/15	12.75
Surrogate Recovery-% a,a,a-Trifluorotoluene(FID)	99.7		% Rec.	8015D/GRO	08/20/15	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

This report shall not be reproduced, except in full, without the written approval from ESC.

The reported analytical results relate only to the sample submitted

Reported: 08/21/15 16:29 Printed: 08/21/15 16:30



12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

# REPORT OF ANALYSIS

Chris Boshoff  
Cohesion, Inc.- Trustfund  
5216 Yates Mill Pond Rd.  
Raleigh, NC 27606

August 21, 2015

Date Received : August 18, 2015  
Description : 1101 E Third  
Sample ID : S-13 2.5 FT  
Collected By : Alton Boshoff  
Collection Date : 08/17/15 11:30

ESC Sample # : L783591-08

Site ID :

Project # : 2015066

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	76.1		%	2540 G-2011	08/20/15	1
TPH (GC/FID) Low Fraction	4.11	1.68	mg/kg	8015D/GRO	08/20/15	12.75
Surrogate Recovery-% a,a,a-Trifluorotoluene(FID)	103.		% Rec.	8015D/GRO	08/20/15	1
TPH (GC/FID) High Fraction	771.	26.3	mg/kg	3546/DRO	08/21/15	5
Surrogate recovery(%) o-Terphenyl	138.		% Rec.	3546/DRO	08/21/15	5

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

This report shall not be reproduced, except in full, without the written approval from ESC.  
The reported analytical results relate only to the sample submitted

Reported: 08/21/15 16:29 Printed: 08/21/15 16:30



12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

# REPORT OF ANALYSIS

Chris Boshoff  
Cohesion, Inc.- Trustfund  
5216 Yates Mill Pond Rd.  
Raleigh, NC 27606

August 21, 2015

Date Received : August 18, 2015  
Description : 1101 E Third  
Sample ID : SP-2  
Collected By : Alton Boshoff  
Collection Date : 08/17/15 09:00

ESC Sample # : L783591-09

Site ID :

Project # : 2015066

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	79.7		%	2540 G-2011	08/20/15	1
TPH (GC/FID) Low Fraction	4.33	1.35	mg/kg	8015D/GRO	08/20/15	10.75
Surrogate Recovery-% a,a,a-Trifluorotoluene(FID)	102.		% Rec.	8015D/GRO	08/20/15	1
TPH (GC/FID) High Fraction	BDL	5.02	mg/kg	3546/DRO	08/21/15	1
Surrogate recovery(%) o-Terphenyl	55.6		% Rec.	3546/DRO	08/21/15	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

This report shall not be reproduced, except in full, without the written approval from ESC.

The reported analytical results relate only to the sample submitted

Reported: 08/21/15 16:29 Printed: 08/21/15 16:30

Attachment A  
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L783591-01	WG810249	SAMP	TPH (GC/FID) High Fraction	R3065521	J3
L783591-02	WG810249	SAMP	TPH (GC/FID) High Fraction	R3065521	J3
L783591-03	WG810249	SAMP	TPH (GC/FID) High Fraction	R3065521	J3
L783591-04	WG810249	SAMP	TPH (GC/FID) High Fraction	R3065521	J3
L783591-08	WG810249	SAMP	TPH (GC/FID) High Fraction	R3065521	J3
L783591-09	WG810249	SAMP	TPH (GC/FID) High Fraction	R3065521	J3

Attachment B  
Explanation of QC Qualifier Codes

Qualifier	Meaning
J3	The associated batch QC was outside the established quality control range for precision.

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable "unless qualified as 'R' (Rejected)."

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromatography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Company Name/Address:

**Cohesion, Inc.**5216 Yates Mill Pond Rd  
Raleigh, NC 27606

Billing Information:

Report to:

**Chris Boshoff**

Email To:

cboshoff@cohesion-inc.com

Project

Description: **1101 E. THIRD**

City/State

Collected: **SILER CITY**

Phone: (919) 233-8626

Client Project #

Lab Project #

Fax:

**2015066****None**

Collected by (print):

**ALTON BOSHOFF**

Site/Facility ID #

P.O. #

Collected by (signature):

Rush? (Lab MUST Be Notified)

\_\_\_ Same Day .....200%

\_\_\_ Next Day .....100%

\_\_\_ Two Day .....50%

\_\_\_ Three Day .....25%

Date Results Needed

**4 DAY TAT**

Email? \_\_\_ No \_\_\_ Yes

FAX? \_\_\_ No \_\_\_ Yes

No.  
of  
Cntrs

Sample ID

Comp/Grab

Matrix \*

Depth

Date

Time

V602 (Water Only)

SV625 (Water Only)

VPHNC (Soil or Water)

EPHNC (Soil or Water)

V8260 (Soil only)

SV8270D (Soil only)

TPH - GRO

TPH - DRO

Rem./Contaminant

Sample # (lab only)

\* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other \_\_\_\_\_

Remarks:

pH \_\_\_\_\_ Temp \_\_\_\_\_

Flow \_\_\_\_\_ Other \_\_\_\_\_

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Samples returned via: ☐ UPS☐ FedEx ☐ Courier ☒ SWA

Temp: 21.2 °C Bottles Received: 16

Date: 8-18-15 Time: 0900

Hold #

Condition:

(lab use only)

COC Seal Intact: ☒ Y ☐ N ☐ NA

pH Checked:

NCF:

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)





12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

Chris Boshoff  
Cohesion, Inc.- Trustfund  
5216 Yates Mill Pond Rd.  
Raleigh, NC 27606

## Report Summary

Wednesday August 26, 2015

Report Number: L785007

Samples Received: 08/25/15

Client Project: 2015066

Description: 1101 E. Third

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

Mark W. Beasley , ESC Representative

### Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - 01157CA, CT - PH-0197,  
FL - E87487, GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016,  
NC - ENV375/DW21704/BIO041, ND - R-140, NJ - TN002, NJ NELAP - TN002,  
SC - 84004, TN - 2006, VA - 460132, WV - 233, AZ - 0612,  
MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032011-1,  
TX - T104704245-11-3, OK - 9915, PA - 68-02979, IA Lab #364, EPA - TN002

Accreditation is only applicable to the test methods specified on each scope of accreditation held by ESC Lab Sciences.

This report may not be reproduced, except in full, without written approval from ESC Lab Sciences. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.



12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

# REPORT OF ANALYSIS

Chris Boshoff  
Cohesion, Inc.- Trustfund  
5216 Yates Mill Pond Rd.  
Raleigh, NC 27606

August 26, 2015

Date Received : August 25, 2015  
Description : 1101 E. Third  
Sample ID : SP-2  
Collected By : Alton Boshoff  
Collection Date : 08/17/15 09:00

ESC Sample # : L785007-01

Site ID :

Project # : 2015066

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	88.4		%	2540 G-2011	08/26/15	1
TPH (GC/FID) Low Fraction	679.	22.6	mg/kg	8015D/GRO	08/26/15	200
Surrogate Recovery-% a,a,a-Trifluorotoluene(FID)	94.6		% Rec.	8015D/GRO	08/26/15	1
TPH (GC/FID) High Fraction	BDL	4.52	mg/kg	3546/DRO	08/26/15	1
Surrogate recovery(%) o-Terphenyl	70.0		% Rec.	3546/DRO	08/26/15	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

This report shall not be reproduced, except in full, without the written approval from ESC.  
The reported analytical results relate only to the sample submitted

Reported: 08/26/15 11:12 Printed: 08/26/15 11:12

[illegible]

## **APPENDIX D**

**UST-3 Notice of Intent: UST Permanent Closure**

**Town of Siler City Inspection Report**

**UST-61 24 Hour Release**

# UST-3 Notice of Intent: UST Permanent Closure or Change-in-Service

## Return completed form to:

The DWM Regional Office located in the area where the facility is located. Send a copy to the Central Office in Raleigh so that the status of the tank may be changed to "PERMANENTLY CLOSED" and your tank fee account can be closed out.  
SEE MAP ON THE BACK OF THIS FORM FOR THE CENTRAL AND REGIONAL OFFICE ADDRESSES.

STATE USE ONLY

I.D. # \_\_\_\_\_

Date Received \_\_\_\_\_

## INSTRUCTIONS (READ THIS FIRST)

Complete and return at least **thirty (30) days** prior to closure or change-in-service activities. If a Professional Engineer (P.E.) or a Licensed Geologist (L.G.) provides supervision for closure or change-in-service site assessment activities and signs and seals all closure reports then at least a **five (5) working days** notice is acceptable.

Completed UST closure or change-in-service site assessment reports, along with a copy of the UST-2 form, should be submitted to the appropriate Division of Waste Management (DWM) Regional Office within thirty (30) days following closure activities. The UST-2 form should also be submitted to the Central Office in Raleigh so that the status of the tanks may be changed to permanently closed and your tank fee account can be closed out.

UST closure and change-in-service site assessments must be completed in accordance with the latest version of the *Guidelines for Tank Closure*. The *Guidelines for Tank Closure* can be obtained at [www.wastenotnc.org](http://www.wastenotnc.org).

You must make sure that USTs removed from your property are disposed of properly. When choosing a closure contractor, ask where the tank(s) will be taken for disposal. Usually, USTs are cleaned and cut up for scrap metal. This is dangerous work and must be performed by a qualified company. Tanks disposed of illegally in fields or other dumpsites can leak petroleum products and sludge into the environment. If your tanks are disposed of improperly, you could be held responsible for the cleanup of any environmental damage that occurs.

### I. OWNERSHIP OF TANKS

Owner Name (Corporation, Individual, Public Agency, or Other Entity)

David Welch

Street Address

6775 Reynolda Road, P.O. Box 99

City

Pfafftown

County

Forsyth

State

NC

Zip Code

27040

Phone Number

704-219-9944

### II. LOCATION

Facility Name or Company

Townsend, Inc.

Facility ID # (If known)

00-0-0000032430

Street Address

1101 East Third Street

City

Siler City

County

Chatham

Zip Code

27344

Phone Number

N/A

### III. CONTACT PERSONNEL

Name:

Christoph Boshoff

Company Name:

Cohesion, Inc.

Job Title:

President

Phone Number:

233-8626

### IV. TANK REMOVAL, CLOSURE IN PLACE, CHANGE-IN SERVICE

- Contact local fire marshal.
- Plan entire closure event.
- Conduct Site Soil Assessment.
- If removing tanks or closing in place, refer to API Publication 2015 *Cleaning Petroleum Storage Tanks* and 1604 *Removal and Disposal of Used Underground Petroleum Storage Tanks*.
- Provide a sketch locating piping, tanks and soil sampling locations.
- Submit a closure report in the format of UST-12 (including the form UST-2) within thirty (30) days following the site investigation.
- If a release from the tanks has occurred, the site assessment portion of the tank closure must be conducted under the supervision of a P.E. or L.G., with all closure site assessment reports bearing the signature and seal of the P.E. or L.G. If a release has not occurred, the supervision, signature or seal of a P.E. or L.G. is not required.
- Keep closure records for three (3) years.

### V. WORK TO BE PERFORMED BY

Contractor Name:

Christoph Boshoff

Contractor Company Name:

Cohesion, Inc.

Address:

5216 Yates Mill Pond Road

State:

NC

Zip Code:

27606

Phone No:

919-233-8626

Primary Consultant Name:

Christoph Boshoff

Primary Consultant Company Name:

Cohesion, Inc.

Consultant Phone No:

919-233-8626

### VI. TANKS SCHEDULED FOR CLOSURE OR CHANGE-IN-SERVICE

Tank ID No.	Size in Gallons	Last Contents	Proposed Activity		
			Removal	Closure Abandonment in Place *	Change-In-Service New Contents Stored
#1	10000	Gasoline, Gas Mix	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
#2	10000	Dielsel, Dielsel Mix	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	

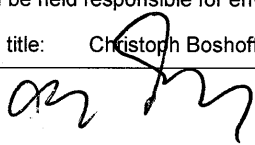
\* Prior written approval to abandon a tank in place must be received from a DWM Regional Office.

### VII. OWNER OR OWNER'S AUTHORIZED REPRESENTATIVE

I understand that I can be held responsible for environmental damage resulting from the improper disposal of my USTs.

Print name and official title: Christoph Boshoff - President

Signature



Date Signed

7/21/15

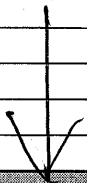
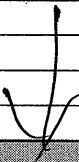
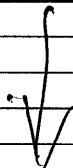
SCHEDULED REMOVAL DATE

8/12/2015

Notify your DWM Regional Office  
48 hours before this date if  
scheduled removal date changes

# Town of Siler City Inspection Report

Name of Business Facility Address City - 1101 East Third Street Mail - 5216 Yates Mill Pond Rd Raleigh NC 27606	Owner or Manager Telephone 919 233 8626
Building Use Code U.G. Tank Removal	Inspection Date 8-12-15 - 8-13-15 Time 2pm
<input type="checkbox"/> Original Inspection	<input type="checkbox"/> First Re-Inspection
<input type="checkbox"/> Second Re-Inspection	<input type="checkbox"/> Third Re-Inspection

	COMPLIANCE		
BUILDING	N / A	Yes	No
Exit Access			
Exit Signs / Lights			
Aisle Space			
Door Locks			
Ingress / Egress			
ELECTRICAL			
Circuit Panel			
Fixtures			
Permanent Wiring			
Extension Cords			
FIRE PROTECTION			
Fire Extinguishers			
Sprinkler / Standpipe			
F.D. Connection			
Fire Alarm Systems			
Hood System			

COMPLIANCE			
FLAMMABLE LIQUIDS	N / A	Yes	No
Excessive Amounts		✓	
Storage Practices		✓	
Hazardous Chemicals	✓		
Compatibility		✓	
HEATING EQUIPMENT			
Appliances	↓		
Vents			
Combustible Clearances			
Shut Off Valve			
Water Heater Relief Valve			
Inspection Date			
HOUSEKEEPING			
Rubbish	↓		
Inside Combust. Storage			
Outside Combust. Storage			
Emergency Lighting			

## Comments / Corrections

PEL'S Normal during removal

Used Vacuum & Dry Ice for stabilization during removal process-

## Status

☒ In Compliance ☐ Not In Compliance  
Re-Inspection Date \_\_\_\_\_

Amount Due to Town of Siler City for  
Fire Inspections \$ prepaid

For more information regarding Town of Siler City's Fire Inspection Program or the statewide fire code, contact the Town of Siler City's Building Inspections Office at (919) 742-4731 or (919) 742-2758 fax Monday through Friday, 8 a.m. until 5 p.m.

Owner / Operator

Inspector

Your Comments are welcome and appreciated.

Tear along perforation and send bottom portion with payment.

The amount below is due and payable to the Town of Siler City Building Inspections Department within 15 days following the date of inspection.

Business  
Name

Amount Due ..... \$ Prepaid  
Amount Remitted ..... \$ \_\_\_\_\_

MAIL PAYMENT TO:



Town of Siler City Building Inspections Office

PO Box 769

Siler City, N. C. 27344-0769

**UST-61****24-Hour Release and UST Leak Reporting Form.****For Releases  
in NC**

This form should be completed and submitted to the UST Section's regional office following a known or suspected release from an underground storage tank (UST) system. This form is required to be submitted within 24 hours of discovery of a known or suspected release

(DWM USE ONLY)  
Incident # \_\_\_\_\_ Risk (H,I,L,U) \_\_\_\_\_  
Received On \_\_\_\_\_ Received By \_\_\_\_\_  
Reported by (circle one): Phone, Fax or Report  
Region \_\_\_\_\_

Suspected Contamination? (Y/N) \_\_\_\_\_  
Confirmed GW Contamination? (Y/N) \_\_\_\_\_  
Confirmed Soil Contamination? (Y/N) Y  
Samples Taken? (Y/N) Y  
Free Product? (Y/N) N If Yes, State Greatest Thickness \_\_\_\_\_

0-9-0000032430  
Facility ID Number \_\_\_\_\_  
Date Leak Discovered 8/17/15  
Comm/Non-Commercial? Com  
Reg/Non-regulated? Reg

**INCIDENT DESCRIPTION**

Incident Name: Southeast Land Holdings LLC

Address: 1101 E. Third St.

County: Chatham

City/Town: Siler City

Zip Code: 27344

Regional Office (circle one): Asheville, Mooresville, Fayetteville, Raleigh, Washington, Wilmington, Winston-Salem

Latitude (decimal degrees): 35.73162 Longitude (decimal degrees): -79.45071

Briefly describe suspected or confirmed release: (including but not limited to: nature of release, date of release, amount of release, amount of free product present and recovery efforts, initial responses conducted, impacts to receptors)

Laboratory analysis of soil samples detected TPH-GRO/ORD concentration exceeding 10 mg/kg

Obtained by:

- ☐ GPS  
☐ Topographic map  
☐ GIS Address matching  
☐ Other  
☐ Unknown

Describe location:

**HOW RELEASE WAS DISCOVERED (Release Code)**

(Check one)

- ☐ Release Detection Equipment or Methods  
☒ During UST Closure/Removal  
☐ Property Transfer

- ☐ Visual/Odor  
☐ Water in Tank  
☐ Water Supply Well Contamination

- ☐ Groundwater Contamination  
☐ Surface Water Contamination  
☐ Other (specify) \_\_\_\_\_

**SOURCE OF CONTAMINATION****Source of Release**

(Check one to indicate primary source)

- ☒ Tank  
☐ Piping  
☐ Dispenser  
☐ Submersible Turbine Pump  
☐ Delivery Problem  
☐ Other  
☐ Unknown

Definitions presented on reverse

**Cause of Release**

(Check one to indicate primary cause)

- ☐ Spill  
☐ Overfill  
☐ Corrosion  
☐ Physical or Mechanical Damage  
☐ Install Problem  
☐ Other  
☒ Unknown

Definitions presented on reverse

**Type of Release**

(Check one)

- ☒ Petroleum  
☐ Non-Petroleum  
☐ Both

**Location**  
(Check one)

- ☒ Facility  
☐ Residence  
☐ Other

**Product Type Released**

(Check one to indicate primary product type released)

- ☒ Gasoline/ Diesel/ Kerosene  
☐ Heating Oil  
☐ Other Petroleum Products  
☐ Metals  
☐ Other Inorganics  
☐ Other Organics  
☐ Diesel/Veg. Oil Blend  
☐ Vegetable Oil 100%  
☐ E10 - E20  
☐ E21 - E84  
☐ E85 - E99  
☐ Ethanol 100%  
☐ E01 - E09

**Ownership**

1. Municipal 2. Military 3. Unknown 4. Private 5. Federal 6. County 7. State

**Operation Type**

1. Public Service 2. Agricultural 3. Residential 4. Education/Relig. 5. Industrial 6. Commercial 7. Mining

## IMPACT ON DRINKING WATER SUPPLIES

Water Supply Wells Affected?      1. Yes      2. No      3. Unknown

Number of Water Supply Wells Affected \_\_\_\_\_

Water Supply Wells Contaminated: (Include Users Names, Addresses and Phone Numbers. Attach additional sheet if necessary)

1.  
2.  
3.

### UST SYSTEM OWNER

UST Owner/Company

Point of Contact

Address

City

State

Zip Code

Telephone Number

### UST SYSTEM OPERATOR

UST Operator/Company

Address

City

State

Zip Code

Telephone Number

### LANDOWNER AT LOCATION OF UST INCIDENT

Landowner Southeast Land Holdings LLC

Address

PO Box 99

City

State

Zip Code

Telephone Number

Pfafftown

NC

27040

704-219-9944

**Draw Sketch of Area (showing two major road intersections) or Attach Map**

919-333-8626

Person Reporting Incident

Company Cohesion Inc

Telephone Number

Title

Address 5216 Yates Mill Pond Rd

Date 9/4/15

UST Form 61 (02/08)

Raleigh 27606

Page 2 of 2

#### Definitions of Sources

Tank: means the tank that stores the product and is part of the underground storage tank system

Piping: means the piping and connectors running from the tank or submersible turbine pump to the dispenser or other end-use equipment (Vent, vapor recovery, or fill lines are excluded.)

Dispenser: includes the dispenser and the equipment used to connect the dispenser to the piping (e.g., a release from a suction pump or from components located above the shear valve)

Submersible Turbine Pump (STP) Area includes the submersible turbine pump head (typically located in the tank sump), the line leak detector, and the piping that connects the submersible turbine pump to the tank

Delivery Problem: identifies releases that occurred during product delivery to the tank. (Typical causes associated with this source are spills and overfills.)

Other: serves as the option to use when the release source is known but does not fit into one of the preceding categories (e.g., for releases from vent lines, vapor recovery lines, and fill lines)

Unknown: identifies releases for which the source has not been determined

#### Definitions of Causes

Spill: use this cause when a spill occurs (e.g., when the delivery hose is disconnected from the tank fill pipe or when the nozzle is removed from the dispenser)

Overfill: use when an overfill occurs (e.g., overfills may occur from the fill pipe at the tank or when the nozzle fails to shut off at the dispenser)

Physical or Mechanical Damage: use for all types of physical or mechanical damage, except corrosion (e.g., puncture of tank or piping, loose fittings, broken components, and components that have changed dimension)

Corrosion: use when a metal tank, piping, or other component has a release due to corrosion (e.g., for steel, corrosion takes the form of rust)

Installation Problem: use when the problem is determined to have occurred specifically because the UST system was not installed properly

Other: use this option when the cause is known but does not fit into one of the preceding categories (e.g., putting regulated substances into monitoring wells)

Unknown: use when the cause has not been determined



35.75000° N

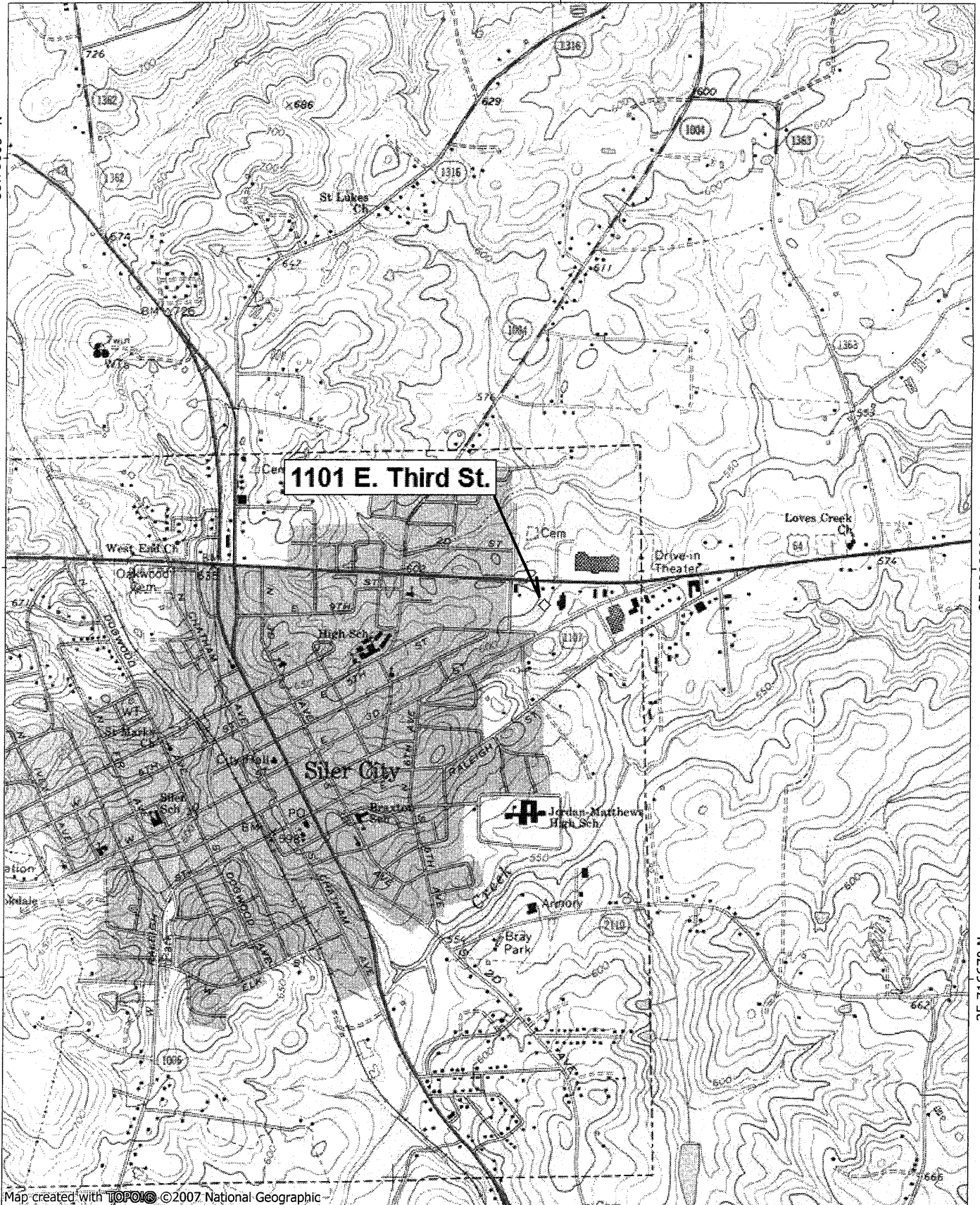
35.75000° N

35.73333° N

35.73333° N

35.71667° N

35.71667° N



Map created with TOPO! © 2007 National Geographic